Multimetal oxide materials

Abstract

A multimetal oxide material contains the elements Mo, \boldsymbol{V} and $\boldsymbol{T}\boldsymbol{e}$ 5 and/or Sb and at least one of the elements Nb, Ti, W, Ta and Ce and promoters and has a specific X-ray diffraction pattern. Moreover, such a multimetal oxide material is used as a catalyst

10 for heterogeneously catalyzed gas-phase partial oxidations of

hydrocarbons.

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